

WO 00/68380

SEQUENCE LISTING

<110> INCYTE PHARMACEUTICALS, INC.

BANDMAN, Olga
HILLMAN, Jennifer L.
TANG, Y. Tom
LAL, Preeti
YUE, Henry
BAUGHN, Mariah R.
LU, Dyung Aina M.
AZIMZAI, Yalda

<120> EXTRACELLULAR MATRIX AND ADHESION-ASSOCIATED PROTEINS

<130> PF-0693 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/133,643; 60/150,409

<151> 1999-05-11; 1999-08-23

<160> 50

<170> PERL Program

<210> 1

<211> 309

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 398269CD1

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Met	Val	Phe	Pro	Ala	Lys	Arg	Phe	Cys	Leu	Val	Pro	Ser	Met	Glu
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Gly	Val	Arg	Trp	Ala	Phe	Ser	Cys	Gly	Thr	Trp	Leu	Pro	Ser	Arg
				20					25					30
Ala	Glu	Trp	Leu	Leu	Ala	Val	Arg	Ser	Ile	Gln	Pro	Glu	Glu	Lys
				35					40					45
Glu	Arg	Ile	Gly	Gln	Phe	Val	Phe	Ala	Arg	Asp	Ala	Lys	Ala	Ala
				50					55					60
Met	Ala	Gly	Arg	Leu	Met	Ile	Arg	Lys	Leu	Val	Ala	Glu	Lys	Leu
				65					70					75
Asn	Ile	Pro	Trp	Asn	His	Ile	Arg	Leu	Gln	Arg	Thr	Ala	Lys	Gly
				80					85					90
Lys	Pro	Val	Leu	Ala	Lys	Asp	Ser	Ser	Asn	Pro	Tyr	Pro	Asn	Phe
				95					100					105
Asn	Phe	Asn	Ile	Ser	His	Gln	Gly	Asp	Tyr	Ala	Val	Leu	Ala	Ala
				110					115					120
Glu	Pro	Glu	Leu	Gln	Val	Gly	Ile	Asp	Ile	Met	Lys	Thr	Ser	Phe
				125					130					135
Pro	Gly	Arg	Gly	Ser	Ile	Pro	Glu	Phe	Phe	His	Ile	Met	Lys	Arg
				140					145					150
Lys	Phe	Thr	Asn	Lys	Glu	Trp	Glu	Thr	Ile	Arg	Ser	Phe	Lys	Asp
				155					160					165
Glu	Trp	Thr	Gln	Leu	Asp	Met	Phe	Tyr	Arg	Asn	Trp	Ala	Leu	Lys
				170					175					180
Glu	Ser	Phe	Ile	Lys	Ala	Ile	Gly	Val	Gly	Leu	Gly	Phe	Glu	Leu
				185					190					195
Gln	Arg	Leu	Glu	Phe	Asp	Leu	Ser	Pro	Leu	Asn	Leu	Asp	Ile	Gly
				200					205					210
Gln	Val	Tyr	Lys	Glu	Thr	Arg	Leu	Phe	Leu	Asp	Gly	Glu	Glu	Glu
				215					220					225
Lys	Glu	Trp	Ala	Phe	Glu	Glu	Ser	Lys	Ile	Asp	Glu	His	His	Phe

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	230		235		240
Val Ala Val Ala	Leu Arg Lys Pro Asp	Gly Ser Arg His Gln	Asp		
	245		250		255
Val Pro Ser Gln	Asp Asp Ser Lys Pro	Thr Gln Arg Gln Phe	Thr		
	260		265		270
Ile Leu Asn Phe	Asn Asp Leu Met Ser	Ser Ala Val Pro Met	Thr		
	275		280		285
Pro Glu Asp Pro	Ser Phe Trp Asp Cys	Phe Cys Phe Thr Glu	Glu		
	290		295		300
Ile Pro Ile Arg	Asn Gly Thr Lys Ser				
	305				

<210> 2

<211> 554

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1258888CD1

<400> 2

Met Pro Leu Pro	Trp Ser Leu Ala Leu	Pro Leu Leu Leu	Ser Trp
1	5	10	15
Val Ala Gly Gly	Phe Gly Asn Ala Ala	Ser Ala Arg His His	Gly
	20	25	30
Leu Leu Ala Ser	Ala Arg Gln Pro Gly	Val Cys His Tyr Gly	Thr
	35	40	45
Lys Leu Ala Cys	Cys Tyr Gly Trp Arg	Arg Asn Ser Lys Gly	Val
	50	55	60
Cys Glu Ala Thr	Cys Glu Pro Gly Cys	Lys Phe Gly Glu Cys	Val
	65	70	75
Gly Pro Asn Lys	Cys Arg Cys Phe Pro	Gly Tyr Thr Gly Lys	Thr
	80	85	90
Cys Ser Gln Asp	Val Asn Glu Cys Gly	Met Lys Pro Arg Pro	Cys
	95	100	105
Gln His Arg Cys	Val Asn Thr His Gly	Ser Tyr Lys Cys Phe	Cys
	110	115	120
Leu Ser Gly His	Met Leu Met Pro Asp	Ala Thr Cys Val Asn	Ser
	125	130	135
Arg Thr Cys Ala	Met Ile Asn Cys Gln	Tyr Ser Cys Glu Asp	Thr
	140	145	150
Glu Glu Gly Pro	Gln Cys Leu Cys Pro	Ser Ser Gly Leu Arg	Leu
	155	160	165
Ala Pro Asn Gly	Arg Asp Cys Leu Asp	Ile Asp Glu Cys Ala	Ser
	170	175	180
Gly Lys Val Ile	Cys Pro Tyr Asn Arg	Arg Cys Val Asn Thr	Phe
	185	190	195
Gly Ser Tyr Tyr	Cys Lys Cys His Ile	Gly Phe Glu Leu Gln	Tyr
	200	205	210
Ile Ser Gly Arg	Tyr Asp Cys Ile Asp	Ile Asn Glu Cys Thr	Met
	215	220	225
Asp Ser His Thr	Cys Ser His His Ala	Asn Cys Phe Asn Thr	Gln
	230	235	240
Gly Ser Phe Lys	Cys Lys Cys Lys Gln	Gly Tyr Lys Gly Asn	Gly
	245	250	255
Leu Arg Cys Ser	Ala Ile Pro Glu Asn	Ser Val Lys Glu Val	Leu
	260	265	270
Arg Ala Pro Gly	Thr Ile Lys Asp Arg	Ile Lys Lys Leu Leu	Ala
	275	280	285
His Lys Asn Ser	Met Lys Lys Lys Ala	Lys Ile Lys Asn Val	Thr
	290	295	300
Pro Glu Pro Thr	Arg Thr Pro Thr Pro	Lys Val Asn Leu Gln	Pro
	305	310	315
Phe Asn Tyr Glu	Glu Ile Val Ser Arg	Gly Gly Asn Ser His	Gly
	320	325	330
Gly Lys Lys Gly	Asn Glu Glu Lys Met	Lys Glu Gly Leu Glu	Asp
	335	340	345

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Glu	Lys	Arg	Glu	Glu	Lys	Ala	Leu	Lys	Asn	Asp	Ile	Glu	Glu	Arg
			350						355					360
Ser	Leu	Arg	Gly	Asp	Val	Phe	Phe	Pro	Lys	Val	Asn	Glu	Ala	Gly
			365						370					375
Glu	Phe	Gly	Leu	Ile	Leu	Val	Gln	Arg	Lys	Ala	Leu	Thr	Ser	Lys
			380						385					390
Leu	Glu	His	Lys	Ala	Asp	Leu	Asn	Ile	Ser	Val	Asp	Cys	Ser	Phe
			395						400					405
Asn	His	Gly	Ile	Cys	Asp	Trp	Lys	Gln	Asp	Arg	Glu	Asp	Asp	Phe
			410						415					420
Asp	Trp	Asn	Pro	Ala	Asp	Arg	Asp	Asn	Ala	Ile	Gly	Phe	Tyr	Met
			425						430					435
Ala	Val	Pro	Ala	Leu	Ala	Gly	His	Lys	Lys	Asp	Ile	Gly	Arg	Leu
			440						445					450
Lys	Leu	Leu	Leu	Pro	Asp	Leu	Gln	Pro	Gln	Ser	Asn	Phe	Cys	Leu
			455						460					465
Leu	Phe	Asp	Tyr	Arg	Leu	Ala	Gly	Asp	Lys	Val	Gly	Lys	Leu	Arg
			470						475					480
Val	Phe	Val	Lys	Asn	Ser	Asn	Asn	Ala	Leu	Ala	Trp	Glu	Lys	Thr
			485						490					495
Thr	Ser	Glu	Asp	Glu	Lys	Trp	Lys	Thr	Gly	Lys	Ile	Gln	Leu	Tyr
			500						505					510
Gln	Gly	Thr	Asp	Ala	Thr	Lys	Ser	Ile	Ile	Phe	Glu	Ala	Glu	Arg
			515						520					525
Gly	Lys	Gly	Lys	Thr	Gly	Glu	Ile	Ala	Val	Asp	Gly	Val	Leu	Leu
			530						535					540
Val	Ser	Gly	Leu	Cys	Pro	Asp	Ser	Leu	Leu	Ser	Val	Asp	Asp	
			545						550					

<210> 3

<211> 482

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1375891CD1

<400> 3

Met	Gly	Cys	Leu	Trp	Gly	Leu	Ala	Leu	Pro	Leu	Phe	Phe	Phe	Cys
1				5					10					15
Trp	Glu	Val	Gly	Val	Ser	Gly	Ser	Ser	Ala	Gly	Pro	Ser	Thr	Arg
				20					25					30
Arg	Ala	Asp	Thr	Ala	Met	Thr	Thr	Asp	Asp	Thr	Glu	Val	Pro	Ala
				35					40					45
Met	Thr	Leu	Ala	Pro	Gly	His	Ala	Ala	Leu	Glu	Thr	Gln	Thr	Leu
				50					55					60
Ser	Ala	Glu	Thr	Ser	Ser	Arg	Ala	Ser	Thr	Pro	Ala	Gly	Pro	Ile
				65					70					75
Pro	Glu	Ala	Glu	Thr	Arg	Gly	Ala	Lys	Arg	Ile	Ser	Pro	Ala	Arg
				80					85					90
Glu	Thr	Arg	Ser	Phe	Thr	Lys	Thr	Ser	Pro	Asn	Phe	Met	Val	Leu
				95					100					105
Ile	Ala	Thr	Ser	Val	Glu	Thr	Ser	Ala	Ala	Ser	Gly	Ser	Pro	Glu
				110					115					120
Gly	Ala	Gly	Met	Thr	Thr	Val	Gln	Thr	Ile	Thr	Gly	Ser	Asp	Pro
				125					130					135
Glu	Glu	Ala	Ile	Phe	Asp	Thr	Leu	Cys	Thr	Asp	Asp	Ser	Ser	Glu
				140					145					150
Glu	Ala	Lys	Thr	Leu	Thr	Met	Asp	Ile	Leu	Thr	Leu	Ala	His	Thr
				155					160					165
Ser	Thr	Glu	Ala	Lys	Gly	Leu	Ser	Ser	Glu	Ser	Ser	Ala	Ser	Ser
				170					175					180
Asp	Gly	Pro	His	Pro	Val	Ile	Thr	Pro	Ser	Arg	Ala	Ser	Glu	Ser
				185					190					195
Ser	Ala	Ser	Ser	Asp	Gly	Pro	His	Pro	Val	Ile	Thr	Pro	Ser	Arg
				200					205					210
Ala	Ser	Glu	Ser	Ser	Ala	Ser	Ser	Asp	Gly	Pro	His	Pro	Val	Ile

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Thr	Pro	Ser	Trp	215	Ser	Pro	Gly	Ser	Asp	220	Val	Thr	Leu	Leu	Ala	225	Glu
Ala	Leu	Val	Thr	230	Val	Thr	Asn	Ile	Glu	235	Val	Ile	Asn	Cys	Ser	240	Ile
Thr	Glu	Ile	Glu	245	Thr	Thr	Ser	Ser	Ser	250	Ile	Pro	Gly	Ala	Ser	255	Asp
Ile	Asp	Leu	Ile	260	Pro	Thr	Glu	Gly	Val	265	Lys	Ala	Ser	Ser	Thr	270	Ser
Asp	Pro	Pro	Ala	275	Leu	Pro	Asp	Ser	Thr	280	Glu	Ala	Lys	Pro	His	285	Ile
Thr	Glu	Val	Thr	290	Ala	Ser	Ala	Glu	Thr	295	Leu	Ser	Thr	Ala	Gly	300	Thr
Thr	Glu	Ser	Ala	305	Ala	Pro	His	Ala	Thr	310	Val	Gly	Thr	Pro	Leu	315	Pro
Thr	Asn	Ser	Ala	320	Thr	Glu	Arg	Glu	Val	325	Thr	Ala	Pro	Gly	Ala	330	Thr
Thr	Leu	Ser	Gly	335	Ala	Leu	Val	Thr	Val	340	Ser	Arg	Asn	Pro	Leu	345	Glu
Glu	Thr	Ser	Ala	350	Leu	Ser	Val	Glu	Thr	355	Pro	Ser	Tyr	Val	Lys	360	Val
Ser	Gly	Ala	Ala	365	Pro	Val	Ser	Ile	Glu	370	Ala	Gly	Ser	Ala	Val	375	Gly
Lys	Thr	Thr	Ser	380	Phe	Ala	Gly	Ser	Ser	385	Ala	Ser	Ser	Tyr	Ser	390	Pro
Ser	Glu	Ala	Ala	395	Leu	Lys	Asn	Phe	Thr	400	Pro	Ser	Glu	Thr	Pro	405	Thr
Met	Asp	Ile	Ala	410	Thr	Lys	Gly	Pro	Phe	415	Pro	Thr	Ser	Arg	Asp	420	Pro
Leu	Pro	Ser	Val	425	Pro	Pro	Thr	Thr	Thr	430	Asn	Ser	Ser	Arg	Gly	435	Thr
Asn	Ser	Thr	Leu	440	Ala	Lys	Ile	Thr	Thr	445	Ser	Ala	Lys	Thr	Thr	450	Met
Lys	Pro	Gln	Gln	455	Pro	Arg	Pro	Arg	Leu	460	Pro	Gly	Arg	Gly	Arg	465	Pro
Gln	Thr			470						475						480	

<210> 4

<211> 735

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1524355CD1

<400> 4

Met	Ala	Ala	Gly	Gly	Ala	Val	Ala	Ala	Ala	Pro	Glu	Cys	Arg	Leu	
1				5					10					15	
Leu	Pro	Tyr	Ala	Leu	His	Lys	Trp	Ser	Ser	Phe	Ser	Ser	Thr	Tyr	
				20					25					30	
Leu	Pro	Glu	Asn	Ile	Leu	Val	Asp	Lys	Pro	Asn	Asp	Gln	Ser	Ser	
				35					40					45	
Arg	Trp	Ser	Ser	Glu	Ser	Asn	Tyr	Pro	Pro	Gln	Tyr	Leu	Ile	Leu	
				50					55					60	
Lys	Leu	Glu	Arg	Pro	Ala	Ile	Val	Gln	Asn	Ile	Thr	Phe	Gly	Lys	
				65					70					75	
Tyr	Glu	Lys	Thr	His	Val	Cys	Asn	Leu	Lys	Lys	Phe	Lys	Val	Phe	
				80					85					90	
Gly	Gly	Met	Asn	Glu	Glu	Asn	Met	Thr	Glu	Leu	Leu	Ser	Ser	Gly	
				95					100					105	
Leu	Lys	Asn	Asp	Tyr	Asn	Lys	Glu	Thr	Phe	Thr	Leu	Lys	His	Lys	
				110					115					120	
Ile	Asp	Glu	Gln	Met	Phe	Pro	Cys	Arg	Phe	Ile	Lys	Ile	Val	Pro	
				125					130					135	
Leu	Leu	Ser	Trp	Gly	Pro	Ser	Phe	Asn	Phe	Ser	Ile	Trp	Tyr	Val	
				140					145					150	

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Glu	Leu	Ser	Gly	Ile	Asp	Asp	Pro	Asp	Ile	Val	Gln	Pro	Cys	Leu
				155										160
Asn	Trp	Tyr	Ser	Lys	Tyr	Arg	Glu	Gln	Glu	Ala	Ile	Arg	Leu	Cys
				170										175
Leu	Lys	His	Phe	Arg	Gln	His	Asn	Tyr	Thr	Glu	Ala	Phe	Glu	Ser
				185										190
Leu	Gln	Lys	Lys	Thr	Lys	Ile	Ala	Leu	Glu	His	Pro	Met	Leu	Thr
				200										205
Asp	Ile	His	Asp	Lys	Leu	Val	Leu	Lys	Gly	Asp	Phe	Asp	Ala	Cys
				215										220
Glu	Glu	Leu	Ile	Glu	Lys	Ala	Val	Asn	Asp	Gly	Leu	Phe	Asn	Gln
				230										235
Tyr	Ile	Ser	Gln	Gln	Glu	Tyr	Lys	Pro	Arg	Trp	Ser	Gln	Ile	Ile
				245										250
Pro	Lys	Ser	Thr	Lys	Gly	Asp	Gly	Glu	Asp	Asn	Arg	Pro	Gly	Met
				260										265
Arg	Gly	Gly	His	Gln	Met	Val	Ile	Asp	Val	Gln	Thr	Glu	Thr	Val
				275										280
Tyr	Leu	Phe	Gly	Gly	Trp	Asp	Gly	Thr	Gln	Asp	Leu	Ala	Asp	Phe
				290										295
Trp	Ala	Tyr	Ser	Val	Lys	Glu	Asn	Gln	Trp	Thr	Cys	Ile	Ser	Arg
				305										310
Asp	Thr	Glu	Lys	Glu	Asn	Gly	Pro	Ser	Ala	Arg	Ser	Cys	His	Lys
				320										325
Met	Cys	Ile	Asp	Ile	Gln	Arg	Arg	Gln	Ile	Tyr	Thr	Leu	Gly	Arg
				335										340
Tyr	Leu	Asp	Ser	Ser	Val	Arg	Asn	Ser	Lys	Ser	Leu	Lys	Ser	Asp
				350										355
Phe	Tyr	Arg	Tyr	Asp	Ile	Asp	Thr	Asn	Thr	Trp	Met	Leu	Leu	Ser
				365										370
Glu	Asp	Thr	Ala	Ala	Asp	Gly	Gly	Pro	Lys	Leu	Val	Phe	Asp	His
				380										385
Gln	Met	Cys	Met	Asp	Ser	Glu	Lys	His	Met	Ile	Tyr	Thr	Phe	Gly
				395										400
Gly	Arg	Ile	Leu	Thr	Cys	Asn	Gly	Ser	Val	Asp	Asp	Ser	Arg	Ala
				410										415
Ser	Glu	Pro	Gln	Phe	Ser	Gly	Leu	Phe	Ala	Phe	Asn	Cys	Gln	Cys
				425										430
Gln	Thr	Trp	Lys	Leu	Leu	Arg	Glu	Asp	Ser	Cys	Asn	Ala	Gly	Pro
				440										445
Glu	Asp	Ile	Gln	Ser	Arg	Ile	Gly	His	Cys	Met	Leu	Phe	His	Ser
				455										460
Lys	Asn	Arg	Cys	Leu	Tyr	Val	Phe	Gly	Gly	Gln	Arg	Ser	Lys	Thr
				470										475
Tyr	Leu	Asn	Asp	Phe	Phe	Ser	Tyr	Asp	Val	Asp	Ser	Asp	His	Val
				485										490
Asp	Ile	Ile	Ser	Asp	Gly	Thr	Lys	Lys	Asp	Ser	Gly	Met	Val	Pro
				500										505
Met	Thr	Gly	Phe	Thr	Gln	Arg	Ala	Thr	Ile	Asp	Pro	Glu	Leu	Asn
				515										520
Glu	Ile	His	Val	Leu	Ser	Gly	Leu	Ser	Lys	Asp	Lys	Glu	Lys	Arg
				530										535
Glu	Glu	Asn	Val	Arg	Asn	Ser	Phe	Trp	Ile	Tyr	Asp	Ile	Val	Arg
				545										550
Asn	Ser	Trp	Ser	Cys	Val	Tyr	Lys	Asn	Asp	Gln	Ala	Ala	Lys	Asp
				560										565
Asn	Pro	Thr	Lys	Ser	Leu	Gln	Glu	Glu	Glu	Pro	Cys	Pro	Arg	Phe
				575										580
Ala	His	Gln	Leu	Val	Tyr	Asp	Glu	Leu	His	Lys	Val	His	Tyr	Leu
				590										595
Phe	Gly	Gly	Asn	Pro	Gly	Lys	Ser	Cys	Ser	Pro	Lys	Met	Arg	Leu
				605										610
Asp	Asp	Phe	Trp	Ser	Leu	Lys	Leu	Cys	Arg	Pro	Ser	Lys	Asp	Tyr
				620										625
Leu	Leu	Arg	His	Cys	Lys	Tyr	Leu	Ile	Arg	Lys	His	Arg	Phe	Glu
				635										640
Glu	Lys	Ala	Gln	Val	Asp	Pro	Leu	Ser	Ala	Leu	Lys	Tyr	Leu	Gln

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Asn Asp Leu Tyr	650	Ile Thr Val Asp His	655	Ser Asp Pro Glu Glu Thr	660
	665		670		675
Lys Glu Phe Gln	680	Leu Leu Ala Ser Ala	685	Leu Phe Lys Ser Gly Ser	690
Asp Phe Thr Ala	695	Leu Gly Phe Ser Asp	700	Val Asp His Thr Tyr Ala	705
Gln Arg Thr Gln	710	Leu Phe Asp Thr Leu	715	Val Asn Phe Phe Pro Asp	720
Ser Met Thr Pro	725	Pro Lys Gly Asn Leu	730	Val Asp Leu Ile Thr Leu	735

<210> 5

<211> 424

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1598937CD1

<400> 5

Met Ala Pro Glu Glu	5	Asp Ala Gly Gly Glu	10	Ala Leu Gly Gly Ser	15
Phe Trp Glu Ala Gly	20	Asn Tyr Arg Arg Thr	25	Val Gln Arg Val Glu	30
Asp Gly His Arg Leu	35	Cys Gly Asp Leu Val	40	Ser Cys Phe Gln Glu	45
Arg Ala Arg Ile Glu	50	Lys Ala Tyr Ala Gln	55	Gln Leu Ala Asp Trp	60
Ala Arg Lys Trp Arg	65	Gly Thr Val Glu Lys	70	Gly Pro Gln Tyr Gly	75
Thr Leu Glu Lys Ala	80	Trp His Ala Phe Phe	85	Thr Ala Ala Glu Arg	90
Leu Ser Ala Leu His	95	Leu Glu Val Arg Glu	100	Lys Leu Gln Gly Gln	105
Asp Ser Glu Arg Val	110	Arg Ala Trp Gln Arg	115	Gly Ala Phe His Arg	120
Pro Val Leu Gly Gly	125	Phe Arg Glu Ser Arg	130	Ala Ala Glu Asp Gly	135
Phe Arg Lys Ala Gln	140	Lys Pro Trp Leu Lys	145	Arg Leu Lys Glu Val	150
Glu Ala Ser Lys Lys	155	Ser Tyr His Ala Ala	160	Arg Lys Asp Glu Lys	165
Thr Ala Gln Thr Arg	170	Glu Ser His Ala Lys	175	Ala Asp Ser Ala Val	180
Ser Gln Glu Gln Leu	185	Arg Lys Leu Gln Glu	190	Arg Val Glu Arg Cys	195
Ala Lys Glu Ala Glu	200	Lys Thr Lys Ala Gln	205	Tyr Glu Gln Thr Leu	210
Ala Glu Leu His Arg	215	Tyr Thr Pro Arg Tyr	220	Met Glu Asp Met Glu	225
Gln Ala Phe Glu Thr	230	Cys Gln Ala Ala Glu	235	Arg Gln Arg Leu Leu	240
Phe Phe Lys Asp Met	245	Leu Leu Thr Leu His	250	Gln His Leu Asp Leu	255
Ser Ser Ser Glu Lys	260	Phe His Glu Leu His	265	Arg Asp Leu His Gln	270
Gly Ile Glu Ala Ala	275	Ser Asp Glu Glu Asp	280	Leu Arg Trp Trp Arg	285
Ser Thr His Gly Pro	290	Gly Met Ala Met Asn	295	Trp Pro Gln Phe Glu	300
Glu Trp Ser Leu Asp	305	Thr Gln Arg Thr Ile	310	Ser Arg Lys Glu Lys	315
Gly Gly Arg Ser Pro	320	Asp Glu Val Thr Leu	325	Thr Ser Ile Val Pro	330
Thr Arg Asp Gly Thr	335	Ala Pro Pro Pro Gln	340	Ser Pro Gly Ser Pro	345

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Gly Thr Gly Gln Asp	Glu Glu Trp Ser	Asp Glu Glu Ser Pro Arg
350	355	360
Lys Ala Ala Thr Gly	Val Arg Val Arg	Ala Leu Tyr Asp Tyr Ala
365	370	375
Gly Gln Glu Ala Asp	Glu Leu Ser Phe	Arg Ala Gly Glu Glu Leu
380	385	390
Leu Lys Met Ser Glu	Glu Asp Glu Gln	Gly Trp Cys Gln Gly Gln
395	400	405
Leu Gln Ser Gly Arg	Ile Gly Leu Tyr	Pro Ala Asn Tyr Val Glu
410	415	420
Cys Val Gly Ala		

<210> 6
 <211> 420
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 1725801CD1

<400> 6

Met Ala Pro Trp Pro	Pro Lys Gly Leu Val	Pro Ala Val Leu Trp
1	5	10
Gly Leu Ser Leu Phe	Leu Asn Leu Pro Gly	Pro Ile Trp Leu Gln
20	25	30
Pro Ser Pro Pro Pro	Gln Ser Ser Pro Pro	Pro Gln Pro His Pro
35	40	45
Cys His Thr Cys Arg	Gly Leu Val Asp Ser	Phe Asn Lys Gly Leu
50	55	60
Glu Arg Thr Ile Arg	Asp Asn Phe Gly Gly	Gly Asn Thr Ala Trp
65	70	75
Glu Glu Glu Asn Leu	Ser Lys Tyr Lys Asp	Ser Glu Thr Arg Leu
80	85	90
Val Glu Val Leu Glu	Gly Val Cys Ser Lys	Ser Asp Phe Glu Cys
95	100	105
His Arg Leu Leu Glu	Leu Ser Glu Glu Leu	Val Glu Ser Trp Trp
110	115	120
Phe His Lys Gln Gln	Glu Ala Pro Asp Leu	Phe Gln Trp Leu Cys
125	130	135
Ser Asp Ser Leu Lys	Leu Cys Cys Pro Ala	Gly Thr Phe Gly Pro
140	145	150
Ser Cys Leu Pro Cys	Pro Gly Gly Thr Glu	Arg Pro Cys Gly Gly
155	160	165
Tyr Gly Gln Cys Glu	Gly Glu Gly Thr Arg	Gly Gly Ser Gly His
170	175	180
Cys Asp Cys Gln Ala	Gly Tyr Gly Gly Glu	Ala Cys Gly Gln Cys
185	190	195
Gly Leu Gly Tyr Phe	Glu Ala Glu Arg Asn	Ala Ser His Leu Val
200	205	210
Cys Ser Ala Cys Phe	Gly Pro Cys Ala Arg	Cys Ser Gly Pro Glu
215	220	225
Glu Ser Asn Cys Leu	Gln Cys Lys Lys Gly	Trp Ala Leu His His
230	235	240
Leu Lys Cys Val Asp	Ile Asp Glu Cys Gly	Thr Glu Gly Ala Asn
245	250	255
Cys Gly Ala Asp Gln	Phe Cys Val Asn Thr	Glu Gly Ser Tyr Glu
260	265	270
Cys Arg Asp Cys Ala	Lys Ala Cys Leu Gly	Cys Met Gly Ala Gly
275	280	285
Pro Gly Arg Cys Lys	Lys Cys Ser Pro Gly	Tyr Gln Gln Val Gly
290	295	300
Ser Lys Cys Leu Asp	Val Asp Glu Cys Glu	Thr Glu Val Cys Pro
305	310	315
Gly Glu Asn Lys Gln	Cys Glu Asn Thr Glu	Gly Gly Tyr Arg Cys
320	325	330
Ile Cys Ala Glu Gly	Tyr Lys Gln Met Glu	Gly Ile Cys Val Lys

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	335		340		345
Glu Gln Ile Pro	Glu Ser Ala Gly Phe	Phe Ser Glu Met Thr	Glu		
	350		355		360
Asp Glu Leu Val	Val Leu Gln Gln Met	Phe Phe Gly Ile Ile	Ile		
	365		370		375
Cys Ala Leu Ala	Thr Leu Ala Ala Lys	Gly Asp Leu Val Phe	Thr		
	380		385		390
Ala Ile Phe Ile	Gly Ala Val Ala Ala	Met Thr Gly Tyr Trp	Leu		
	395		400		405
Ser Glu Arg Ser	Asp Arg Val Leu Glu	Gly Phe Ile Lys Gly	Arg		
	410		415		420

<210> 7

<211> 795

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1730482CD1

<400> 7

Met Glu Lys Thr	Gln Ser Leu Pro Thr	Arg Pro Pro Thr Phe	Pro
1	5	10	15
Pro Thr Ile Pro	Pro Ala Lys Glu Val	Cys Lys Ala Ala Lys	Ala
	20	25	30
Asp Leu Val Phe	Met Val Asp Gly Ser	Trp Ser Ile Gly Asp	Glu
	35	40	45
Asn Phe Asn Lys	Ile Ile Ser Phe Leu	Tyr Ser Thr Val Gly	Ala
	50	55	60
Leu Asn Lys Ile	Gly Thr Asp Gly Thr	Gln Val Ala Met Val	Gln
	65	70	75
Phe Thr Asp Asp	Pro Arg Thr Glu Phe	Lys Leu Asn Ala Tyr	Lys
	80	85	90
Thr Lys Glu Thr	Leu Leu Asp Ala Ile	Lys His Ile Ser Tyr	Lys
	95	100	105
Gly Gly Asn Thr	Lys Thr Gly Lys Ala	Ile Lys Tyr Val Arg	Asp
	110	115	120
Thr Leu Phe Thr	Ala Glu Ser Gly Thr	Arg Arg Gly Ile Pro	Lys
	125	130	135
Val Ile Val Val	Ile Thr Asp Gly Arg	Ser Gln Asp Asp Val	Asn
	140	145	150
Lys Ile Ser Arg	Glu Met Gln Leu Asp	Gly Tyr Ser Ile Phe	Ala
	155	160	165
Ile Gly Val Ala	Asp Ala Asp Tyr Ser	Glu Leu Val Ser Ile	Gly
	170	175	180
Ser Lys Pro Ser	Ala Arg His Val Phe	Phe Val Asp Asp Phe	Asp
	185	190	195
Ala Phe Lys Lys	Ile Glu Asp Glu Leu	Ile Thr Phe Val Cys	Glu
	200	205	210
Thr Ala Ser Ala	Thr Cys Pro Val Val	His Lys Asp Gly Ile	Asp
	215	220	225
Leu Ala Gly Phe	Lys Met Met Glu Met	Phe Gly Leu Val Glu	Lys
	230	235	240
Asp Phe Ser Ser	Val Glu Gly Val Ser	Met Glu Pro Gly Thr	Phe
	245	250	255
Asn Val Phe Pro	Cys Tyr Gln Leu His	Lys Asp Ala Leu Val	Ser
	260	265	270
Gln Pro Thr Arg	Tyr Leu His Pro Glu	Gly Leu Pro Ser Asp	Tyr
	275	280	285
Thr Ile Ser Phe	Leu Phe Arg Ile Leu	Pro Asp Thr Pro Gln	Glu
	290	295	300
Pro Phe Ala Leu	Trp Glu Ile Leu Asn	Lys Asn Ser Asp Pro	Leu
	305	310	315
Val Gly Val Ile	Leu Asp Asn Gly Gly	Lys Thr Leu Thr Tyr	Phe
	320	325	330
Asn Tyr Asp Gln	Ser Gly Asp Phe Gln	Thr Val Thr Phe Glu	Gly
	335	340	345

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Pro	Glu	Ile	Arg	Lys	Ile	Phe	Tyr	Gly	Ser	Phe	His	Lys	Leu	His
				350					355					360
Ile	Val	Val	Ser	Glu	Thr	Leu	Val	Lys	Val	Val	Ile	Asp	Cys	Lys
				365					370					375
Gln	Val	Gly	Glu	Lys	Ala	Met	Asn	Ala	Ser	Ala	Asn	Ile	Thr	Ser
				380					385					390
Asp	Gly	Val	Glu	Val	Leu	Gly	Lys	Met	Val	Arg	Ser	Arg	Gly	Pro
				395					400					405
Gly	Gly	Asn	Ser	Ala	Pro	Phe	Gln	Leu	Gln	Met	Phe	Asp	Ile	Val
				410					415					420
Cys	Ser	Thr	Ser	Trp	Ala	Asn	Thr	Asp	Lys	Cys	Cys	Glu	Leu	Pro
				425					430					435
Gly	Leu	Arg	Asp	Asp	Glu	Ser	Cys	Pro	Asp	Leu	Pro	His	Ser	Cys
				440					445					450
Ser	Cys	Ser	Glu	Thr	Asn	Glu	Val	Ala	Leu	Gly	Pro	Ala	Gly	Pro
				455					460					465
Pro	Gly	Gly	Pro	Gly	Leu	Arg	Gly	Pro	Lys	Gly	Gln	Gln	Gly	Glu
				470					475					480
Pro	Gly	Pro	Lys	Gly	Pro	Asp	Gly	Pro	Arg	Gly	Glu	Ile	Gly	Leu
				485					490					495
Pro	Gly	Pro	Gln	Gly	Pro	Pro	Gly	Pro	Gln	Gly	Pro	Ser	Gly	Leu
				500					505					510
Ser	Ile	Gln	Gly	Met	Pro	Gly	Met	Pro	Gly	Glu	Lys	Gly	Glu	Lys
				515					520					525
Gly	Asp	Thr	Gly	Leu	Pro	Gly	Pro	Gln	Gly	Ile	Pro	Gly	Gly	Val
				530					535					540
Gly	Ser	Pro	Gly	Arg	Asp	Gly	Ser	Pro	Gly	Gln	Arg	Gly	Leu	Pro
				545					550					555
Gly	Lys	Asp	Gly	Ser	Ser	Gly	Pro	Pro	Gly	Pro	Pro	Gly	Pro	Ile
				560					565					570
Gly	Ile	Pro	Gly	Thr	Pro	Gly	Val	Pro	Gly	Ile	Thr	Gly	Ser	Met
				575					580					585
Gly	Pro	Gln	Gly	Ala	Leu	Gly	Pro	Pro	Gly	Val	Pro	Gly	Ala	Lys
				590					595					600
Gly	Glu	Arg	Gly	Glu	Arg	Gly	Asp	Leu	Gln	Ser	Gln	Ala	Met	Val
				605					610					615
Arg	Ser	Val	Ala	Arg	Gln	Val	Cys	Glu	Gln	Leu	Ile	Gln	Ser	His
				620					625					630
Met	Ala	Arg	Tyr	Thr	Ala	Ile	Leu	Asn	Gln	Ile	Pro	Ser	His	Ser
				635					640					645
Ser	Ser	Ile	Arg	Thr	Val	Gln	Gly	Pro	Pro	Gly	Glu	Pro	Gly	Arg
				650					655					660
Pro	Gly	Ser	Pro	Gly	Ala	Pro	Gly	Glu	Gln	Gly	Pro	Pro	Gly	Thr
				665					670					675
Pro	Gly	Phe	Pro	Gly	Asn	Ala	Gly	Val	Pro	Gly	Thr	Pro	Gly	Glu
				680					685					690
Arg	Gly	Leu	Thr	Gly	Ile	Lys	Gly	Glu	Lys	Gly	Asn	Pro	Gly	Val
				695					700					705
Gly	Thr	Gln	Gly	Pro	Arg	Gly	Pro	Pro	Gly	Pro	Ala	Gly	Pro	Ser
				710					715					720
Gly	Glu	Ser	Arg	Pro	Gly	Ser	Pro	Gly	Pro	Pro	Gly	Ser	Pro	Gly
				725					730					735
Pro	Arg	Gly	Pro	Pro	Gly	His	Leu	Gly	Val	Pro	Gly	Pro	Gln	Gly
				740					745					750
Pro	Ser	Gly	Gln	Pro	Gly	Tyr	Cys	Asp	Pro	Ser	Ser	Cys	Ser	Ala
				755					760					765
Tyr	Gly	Val	Arg	Ala	Pro	His	Pro	Asp	Gln	Pro	Glu	Phe	Thr	Pro
				770					775					780
Val	Gln	Asp	Glu	Leu	Glu	Ala	Met	Glu	Leu	Trp	Gly	Pro	Gly	Val
				785					790					795

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<211> 306

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

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<223> Incyte ID No: 1810058CD1

<400> 8

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Met Arg Ile Trp Trp Leu Leu Leu Ala Ile Glu Ile Cys Thr Gly
 1      5      10      15
Asn Ile Asn Ser Gln Asp Thr Cys Arg Gln Gly His Pro Gly Ile
 20      25      30
Pro Gly Asn Pro Gly His Asn Gly Leu Pro Gly Arg Asp Gly Arg
 35      40      45
Asp Gly Ala Lys Gly Asp Lys Gly Asp Ala Gly Glu Pro Gly Arg
 50      55      60
Pro Gly Ser Pro Gly Lys Asp Gly Thr Ser Gly Glu Lys Gly Glu
 65      70      75
Arg Gly Ala Asp Gly Lys Val Glu Ala Lys Gly Ile Lys Gly Asp
 80      85      90
Gln Gly Ser Arg Gly Ser Pro Gly Lys His Gly Pro Lys Gly Leu
 95      100     105
Ala Gly Pro Met Gly Glu Lys Gly Leu Arg Gly Glu Thr Gly Pro
110     115     120
Gln Gly Gln Lys Gly Asn Lys Gly Asp Val Gly Pro Thr Gly Pro
125     130     135
Glu Gly Pro Arg Gly Asn Ile Gly Pro Leu Gly Pro Thr Gly Leu
140     145     150
Pro Gly Pro Met Gly Pro Ile Gly Lys Pro Gly Pro Lys Gly Glu
155     160     165
Ala Gly Pro Thr Gly Pro Gln Gly Glu Pro Gly Val Arg Gly Ile
170     175     180
Arg Gly Trp Lys Gly Asp Arg Gly Glu Lys Gly Lys Ile Gly Glu
185     190     195
Thr Leu Val Leu Pro Lys Ser Ala Phe Thr Val Gly Leu Thr Val
200     205     210
Leu Ser Lys Phe Pro Ser Ser Asp Val Pro Ile Lys Phe Asp Lys
215     220     225
Ile His Ile Thr Val Phe Ser Arg Asn Val Gln Val Ser Leu Val
230     235     240
Lys Asn Gly Val Lys Ile Leu His Thr Arg Asp Ala Tyr Val Ser
245     250     255
Ser Glu Asp Gln Ala Ser Gly Ser Ile Val Leu Gln Leu Lys Leu
260     265     270
Gly Asp Glu Met Trp Leu Gln Val Thr Gly Gly Glu Arg Phe Asn
275     280     285
Gly Leu Phe Ala Asp Glu Asp Asp Asp Thr Thr Phe Thr Gly Phe
290     295     300
Leu Leu Phe Ser Ser Gln
305

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<210> 9

<211> 338

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2040679CD1

<400> 9

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Met Tyr Val Leu Ser Pro Val Glu Phe Ile Ile Leu Gln Leu Leu
 1      5      10      15
Phe Ile Gln Ala Ile Ser Ser Ser Leu Lys Gly Phe Leu Ser Ala
 20      25      30
Met Arg Leu Ala His Arg Gly Cys Asn Val Asp Thr Pro Val Ser
 35      40      45
Thr Leu Thr Pro Val Lys Thr Ser Glu Phe Glu Asn Phe Lys Thr
 50      55      60
Lys Met Val Ile Thr Ser Lys Lys Asp Tyr Pro Leu Ser Lys Asn
 65      70      75
Phe Pro Tyr Ser Leu Glu His Leu Gln Thr Ser Tyr Cys Gly Leu
 80      85      90

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<211> 164
<212> PRT
<213> Homo sapiens
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PCT/US00/12811

<211> 327
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 <223> Incyte ID No: 3117318CD1

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 Met Arg Ala Leu Pro Gly Leu Leu Glu Ala Arg Ala Arg Thr Pro
 1 5 10 15
 Arg Leu Leu Leu Leu Gln Cys Leu Leu Ala Ala Ala Arg Pro Ser
 20 25 30
 Ser Ala Asp Gly Ser Ala Pro Asp Ser Ala Phe Thr Ser Pro Pro
 35 40 45
 Leu Arg Glu Glu Ile Met Ala Asn Asn Phe Ser Leu Glu Ser His
 50 55 60
 Asn Ile Ser Leu Thr Glu His Ser Ser Met Pro Val Glu Lys Asn
 65 70 75
 Ile Thr Leu Glu Arg Pro Ser Asn Val Asn Leu Thr Cys Gln Phe
 80 85 90
 Thr Thr Ser Gly Asp Leu Asn Ala Val Asn Val Thr Trp Lys Lys
 95 100 105
 Asp Gly Glu Gln Leu Glu Asn Asn Tyr Leu Val Ser Ala Thr Gly
 110 115 120
 Ser Thr Leu Tyr Thr Gln Tyr Arg Phe Thr Ile Ile Asn Ser Lys
 125 130 135
 Gln Met Gly Ser Tyr Ser Cys Phe Phe Arg Glu Glu Lys Glu Gln
 140 145 150
 Arg Gly Thr Phe Asn Phe Lys Val Pro Glu Leu His Gly Lys Asn
 155 160 165
 Lys Pro Leu Ile Ser Tyr Val Gly Asp Ser Thr Val Leu Thr Cys
 170 175 180
 Lys Cys Gln Asn Cys Phe Pro Leu Asn Trp Thr Trp Tyr Ser Ser
 185 190 195
 Asn Gly Ser Val Lys Val Pro Val Gly Val Gln Met Asn Lys Tyr
 200 205 210
 Val Ile Asn Gly Thr Tyr Ala Asn Glu Thr Lys Leu Lys Ile Thr
 215 220 225
 Gln Leu Leu Glu Glu Asp Gly Glu Ser Tyr Trp Cys Arg Ala Leu
 230 235 240
 Phe Gln Leu Gly Glu Ser Glu Glu His Ile Glu Leu Val Val Leu
 245 250 255
 Ser Tyr Leu Val Pro Leu Lys Pro Phe Leu Val Ile Val Ala Glu
 260 265 270
 Val Ile Leu Leu Val Ala Thr Ile Leu Leu Cys Glu Lys Tyr Thr
 275 280 285
 Gln Lys Lys Lys Lys His Ser Asp Glu Gly Lys Glu Phe Glu Gln
 290 295 300
 Ile Glu Gln Leu Lys Ser Asp Asp Ser Asn Gly Ile Glu Asn Asn
 305 310 315
 Val Pro Arg His Arg Lys Asn Glu Ser Leu Gly Gln
 320 325

<210> 12
 <211> 716
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 3486992CD1

<400> 12
 Met Ala Arg Met Ser Phe Val Ile Ala Ala Cys Gln Leu Val Leu
 1 5 10 15
 Gly Leu Leu Met Thr Ser Leu Thr Glu Ser Ser Ile Gln Asn Ser
 20 25 30

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Glu	Cys	Pro	Gln	Leu	Cys	Val	Cys	Glu	Ile	Arg	Pro	Trp	Phe	Thr
				35					40					45
Pro	Gln	Ser	Thr	Tyr	Arg	Glu	Ala	Thr	Thr	Val	Asp	Cys	Asn	Asp
				50					55					60
Leu	Arg	Leu	Thr	Arg	Ile	Pro	Ser	Asn	Leu	Ser	Ser	Asp	Thr	Gln
				65					70					75
Val	Leu	Leu	Leu	Gln	Ser	Asn	Asn	Ile	Ala	Lys	Thr	Val	Asp	Glu
				80					85					90
Leu	Gln	Gln	Leu	Phe	Asn	Leu	Thr	Glu	Leu	Asp	Phe	Ser	Gln	Asn
				95					100					105
Asn	Phe	Thr	Asn	Ile	Lys	Glu	Val	Gly	Leu	Ala	Asn	Leu	Thr	Gln
				110					115					120
Leu	Thr	Thr	Leu	His	Leu	Glu	Glu	Asn	Gln	Ile	Thr	Glu	Met	Thr
				125					130					135
Asp	Tyr	Cys	Leu	Gln	Asp	Leu	Ser	Asn	Leu	Gln	Glu	Leu	Tyr	Ile
				140					145					150
Asn	His	Asn	Gln	Ile	Ser	Thr	Ile	Ser	Ala	His	Ala	Phe	Ala	Gly
				155					160					165
Leu	Lys	Asn	Leu	Leu	Arg	Leu	His	Leu	Asn	Ser	Asn	Lys	Leu	Lys
				170					175					180
Val	Ile	Asp	Ser	Arg	Trp	Phe	Asp	Ser	Thr	Pro	Asn	Leu	Glu	Ile
				185					190					195
Leu	Met	Ile	Gly	Glu	Asn	Pro	Val	Ile	Gly	Ile	Leu	Asp	Met	Asn
				200					205					210
Phe	Lys	Pro	Leu	Ala	Asn	Leu	Arg	Ser	Leu	Val	Leu	Ala	Gly	Met
				215					220					225
Tyr	Leu	Thr	Asp	Ile	Pro	Gly	Asn	Ala	Leu	Val	Gly	Leu	Asp	Ser
				230					235					240
Leu	Glu	Ser	Leu	Ser	Phe	Tyr	Asp	Asn	Lys	Leu	Val	Lys	Val	Pro
				245					250					255
Gln	Leu	Ala	Leu	Gln	Lys	Val	Pro	Asn	Leu	Lys	Phe	Leu	Asp	Leu
				260					265					270
Asn	Lys	Asn	Pro	Ile	His	Lys	Ile	Gln	Glu	Gly	Asp	Phe	Lys	Asn
				275					280					285
Met	Leu	Arg	Leu	Lys	Glu	Leu	Gly	Ile	Asn	Asn	Met	Gly	Glu	Leu
				290					295					300
Val	Ser	Val	Asp	Arg	Tyr	Ala	Leu	Asp	Asn	Leu	Pro	Glu	Leu	Thr
				305					310					315
Lys	Leu	Glu	Ala	Thr	Asn	Asn	Pro	Lys	Leu	Ser	Tyr	Ile	His	Arg
				320					325					330
Leu	Ala	Phe	Arg	Ser	Val	Pro	Ala	Leu	Glu	Ser	Leu	Met	Leu	Asn
				335					340					345
Asn	Asn	Ala	Leu	Asn	Ala	Ile	Tyr	Gln	Lys	Thr	Val	Glu	Ser	Leu
				350					355					360
Pro	Asn	Leu	Arg	Glu	Ile	Ser	Ile	His	Ser	Asn	Pro	Leu	Arg	Cys
				365					370					375
Asp	Cys	Val	Ile	His	Trp	Ile	Asn	Ser	Asn	Lys	Thr	Asn	Ile	Arg
				380					385					390
Phe	Met	Glu	Pro	Leu	Ser	Met	Phe	Cys	Ala	Met	Pro	Pro	Glu	Tyr
				395					400					405
Lys	Gly	His	Gln	Val	Lys	Glu	Val	Leu	Ile	Gln	Asp	Ser	Ser	Glu
				410					415					420
Gln	Cys	Leu	Pro	Met	Ile	Ser	His	Asp	Ser	Phe	Pro	Asn	Arg	Leu
				425					430					435
Asn	Val	Asp	Ile	Gly	Thr	Thr	Val	Phe	Leu	Asp	Cys	Arg	Ala	Met
				440					445					450
Ala	Glu	Pro	Glu	Pro	Glu	Ile	Tyr	Trp	Val	Thr	Pro	Ile	Gly	Asn
				455					460					465
Lys	Ile	Thr	Val	Glu	Thr	Leu	Ser	Asp	Lys	Tyr	Lys	Leu	Ser	Ser
				470					475					480
Glu	Gly	Thr	Leu	Glu	Ile	Ser	Asn	Ile	Gln	Ile	Glu	Asp	Ser	Gly
				485					490					495
Arg	Tyr	Thr	Cys	Val	Ala	Gln	Asn	Val	Gln	Gly	Ala	Asp	Thr	Arg
				500					505					510
Val	Ala	Thr	Ile	Lys	Val	Asn	Gly	Thr	Leu	Leu	Asp	Gly	Thr	Gln
				515					520					525
Val	Leu	Lys	Ile	Tyr	Val	Lys	Gln	Thr	Glu	Ser	His	Ser	Ile	Leu

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Val	Ser	Trp	Lys	530	Val	Asn	Ser	Asn	Val	535	Met	Thr	Ser	Asn	Leu	Lys	540
Trp	Ser	Ser	Ala	545	Thr	Met	Lys	Ile	Asp	550	Asn	Pro	His	Ile	Thr	Tyr	555
Thr	Ala	Arg	Val	560	Pro	Val	Asp	Val	His	565	Glu	Tyr	Asn	Leu	Thr	His	570
Leu	Gln	Pro	Ser	575	Thr	Asp	Tyr	Glu	Val	580	Cys	Leu	Thr	Val	Ser	Asn	585
Ile	His	Gln	Gln	590	Thr	Gln	Lys	Ser	Cys	595	Val	Asn	Val	Thr	Thr	Lys	600
Asn	Ala	Ala	Phe	605	Ala	Val	Asp	Ile	Ser	610	Asp	Gln	Glu	Thr	Ser	Thr	615
Ala	Leu	Ala	Ala	620	Val	Met	Gly	Ser	Met	625	Phe	Ala	Val	Ile	Ser	Leu	630
Ala	Ser	Ile	Ala	635	Val	Tyr	Phe	Ala	Lys	640	Arg	Phe	Lys	Arg	Lys	Asn	645
Tyr	His	His	Ser	650	Leu	Lys	Lys	Tyr	Met	655	Gln	Lys	Thr	Ser	Ser	Ile	660
Pro	Leu	Asn	Glu	665	Leu	Tyr	Pro	Pro	Leu	670	Ile	Asn	Leu	Trp	Glu	Gly	675
Asp	Ser	Glu	Lys	680	Asp	Lys	Asp	Gly	Ser	685	Ala	Asp	Thr	Lys	Pro	Thr	690
Gln	Val	Asp	Thr	695	Ser	Arg	Ser	Tyr	Tyr	700	Met	Trp					705
				710						715							

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<211> 665

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 4568384CD1

<400> 13

Met	Val	Leu	Val	Phe	His	Lys	Gly	Glu	Leu	Gly	His	Pro	Leu	Glu			
1				5					10					15			
Gln	Ser	Thr	Asp	Trp	Pro	Lys	Ser	Pro	Lys	Thr	Pro	Thr	Gly	Leu			
				20					25					30			
Arg	Arg	Gly	Arg	Gln	Cys	Ile	Arg	Pro	Ala	Glu	Ile	Val	Ala	Ser			
				35					40					45			
Leu	Leu	Glu	Gly	Glu	Glu	Asn	Thr	Cys	Gly	Lys	Gln	Lys	Pro	Lys			
				50					55					60			
Glu	Asn	Asn	Leu	Lys	Pro	Lys	Phe	Gln	Ala	Phe	Lys	Gly	Val	Gly			
				65					70					75			
Cys	Leu	Tyr	Glu	Lys	Glu	Ser	Met	Lys	Lys	Ser	Leu	Lys	Asp	Ser			
				80					85					90			
Val	Ala	Ser	Asn	Asn	Lys	Asp	Gln	Asn	Ser	Met	Lys	His	Glu	Asp			
				95					100					105			
Pro	Ser	Ile	Ile	Ser	Met	Glu	Asp	Gly	Ser	Pro	Tyr	Val	Asn	Gly			
				110					115					120			
Ser	Leu	Gly	Glu	Val	Thr	Pro	Cys	Gln	His	Ala	Lys	Lys	Ala	Asn			
				125					130					135			
Gly	Pro	Asn	Tyr	Ile	Gln	Pro	Gln	Lys	Arg	Gln	Thr	Thr	Phe	Glu			
				140					145					150			
Ser	Gln	Asp	Arg	Lys	Ala	Val	Ser	Pro	Ser	Ser	Ser	Glu	Lys	Arg			
				155					160					165			
Ser	Lys	Asn	Pro	Ile	Ser	Arg	Pro	Leu	Glu	Gly	Lys	Lys	Ser	Leu			
				170					175					180			
Ser	Leu	Ser	Ala	Lys	Thr	His	Asn	Ile	Gly	Phe	Asp	Lys	Asp	Ser			
				185					190					195			
Cys	His	Ser	Thr	Thr	Lys	Thr	Glu	Ala	Ser	Gln	Glu	Glu	Arg	Ser			
				200					205					210			
Asp	Ser	Ser	Gly	Leu	Thr	Ser	Leu	Lys	Lys	Ser	Pro	Lys	Val	Ser			
				215					220					225			
Ser	Lys	Asp	Thr	Arg	Glu	Ile	Lys	Thr	Asp	Phe	Ser	Leu	Ser	Ile			
				230					235					240			

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Ser	Asn	Ser	Ser	Asp	Val	Ser	Ala	Lys	Asp	Lys	His	Ala	Glu	Asp	255
				245					250						255
Asn	Glu	Lys	Arg	Leu	Ala	Ala	Leu	Glu	Ala	Arg	Gln	Lys	Ala	Lys	270
				260					265						270
Glu	Val	Gln	Lys	Lys	Leu	Val	His	Asn	Ala	Leu	Ala	Asn	Leu	Asp	285
				275					280						285
Gly	His	Pro	Glu	Asp	Lys	Pro	Thr	His	Ile	Ile	Phe	Gly	Ser	Asp	300
				290					295						300
Ser	Glu	Cys	Glu	Thr	Glu	Glu	Thr	Ser	Thr	Gln	Glu	Gln	Ser	His	315
				305					310						315
Pro	Gly	Glu	Glu	Trp	Val	Lys	Glu	Ser	Met	Gly	Lys	Thr	Ser	Gly	330
				320					325						330
Lys	Leu	Phe	Asp	Ser	Ser	Asp	Asp	Asp	Glu	Ser	Asp	Ser	Glu	Asp	345
				335					340						345
Asp	Ser	Asn	Arg	Phe	Lys	Ile	Lys	Pro	Gln	Phe	Glu	Gly	Arg	Ala	360
				350					355						360
Gly	Gln	Lys	Leu	Met	Asp	Leu	Gln	Ser	His	Phe	Gly	Thr	Asp	Asp	375
				365					370						375
Arg	Phe	Arg	Met	Asp	Ser	Arg	Phe	Leu	Glu	Thr	Asp	Ser	Glu	Glu	390
				380					385						390
Glu	Gln	Glu	Glu	Val	Asn	Glu	Lys	Lys	Thr	Ala	Glu	Glu	Glu	Glu	405
				395					400						405
Leu	Ala	Glu	Glu	Lys	Lys	Lys	Ala	Leu	Asn	Val	Val	Gln	Ser	Val	420
				410					415						420
Leu	Gln	Ile	Asn	Leu	Ser	Asn	Ser	Thr	Asn	Arg	Gly	Ser	Val	Ala	435
				425					430						435
Ala	Lys	Lys	Phe	Lys	Asp	Ile	Ile	His	Tyr	Asp	Pro	Thr	Lys	Gln	450
				440					445						450
Asp	His	Ala	Thr	Tyr	Glu	Arg	Lys	Arg	Asp	Asp	Lys	Pro	Lys	Glu	465
				455					460						465
Ser	Lys	Ala	Lys	Arg	Lys	Lys	Lys	Arg	Glu	Glu	Ala	Glu	Lys	Leu	480
				470					475						480
Pro	Glu	Val	Ser	Lys	Glu	Met	Tyr	Tyr	Asn	Ile	Ala	Met	Asp	Leu	495
				485					490						495
Lys	Glu	Ile	Phe	Gln	Thr	Thr	Lys	Tyr	Thr	Ser	Glu	Lys	Glu	Glu	510
				500					505						510
Gly	Thr	Pro	Trp	Asn	Glu	Asp	Cys	Gly	Lys	Glu	Lys	Pro	Glu	Glu	525
				515					520						525
Ile	Gln	Asp	Pro	Ala	Ala	Leu	Thr	Ser	Asp	Ala	Glu	Gln	Pro	Ser	540
				530					535						540
Gly	Phe	Thr	Phe	Ser	Phe	Phe	Asp	Ser	Asp	Thr	Lys	Asp	Ile	Lys	555
				545					550						555
Glu	Glu	Thr	Tyr	Arg	Val	Glu	Thr	Val	Lys	Pro	Gly	Lys	Ile	Val	570
				560					565						570
Trp	Gln	Glu	Asp	Pro	Arg	Leu	Gln	Asp	Ser	Ser	Ser	Glu	Glu	Glu	585
				575					580						585
Asp	Val	Thr	Glu	Glu	Thr	Asp	His	Arg	Asn	Ser	Ser	Pro	Gly	Glu	600
				590					595						600
Ala	Ser	Leu	Leu	Glu	Lys	Glu	Thr	Thr	Arg	Phe	Phe	Phe	Phe	Ser	615
				605					610						615
Lys	Asn	Asp	Glu	Arg	Leu	Gln	Gly	Ser	Asp	Leu	Phe	Trp	Arg	Gly	630
				620					625						630
Val	Gly	Ser	Asn	Met	Ser	Arg	Asn	Ser	Trp	Glu	Ala	Arg	Thr	Thr	645
				635					640						645
Asn	Leu	Arg	Met	Asp	Cys	Arg	Lys	Lys	His	Lys	Asp	Ala	Lys	Arg	660
				650					655						660
Lys	Met	Lys	Pro	Lys											
				665											

<210> 14

<211> 547

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 4586187CD1

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<400> 14

Met	Tyr	Ser	His	Asn	Val	Val	Ile	Met	Asn	Leu	Asn	Asn	Leu	Asn
1				5					10					15
Leu	Thr	Gln	Val	Gln	Gln	Arg	Asn	Leu	Ile	Thr	Asn	Leu	Gln	Arg
				20					25					30
Ser	Val	Asp	Asp	Thr	Ser	Gln	Ala	Ile	Gln	Arg	Ile	Lys	Asn	Asp
				35					40					45
Phe	Gln	Asn	Leu	Gln	Gln	Val	Phe	Leu	Gln	Ala	Lys	Lys	Asp	Thr
				50					55					60
Asp	Trp	Leu	Lys	Glu	Lys	Val	Gln	Ser	Leu	Gln	Thr	Leu	Ala	Ala
				65					70					75
Asn	Asn	Ser	Ala	Leu	Ala	Lys	Ala	Asn	Asn	Asp	Thr	Leu	Glu	Asp
				80					85					90
Met	Asn	Ser	Gln	Leu	Asn	Ser	Phe	Thr	Gly	Gln	Met	Glu	Asn	Ile
				95					100					105
Thr	Thr	Ile	Ser	Gln	Ala	Asn	Glu	Gln	Asn	Leu	Lys	Asp	Leu	Gln
				110					115					120
Asp	Leu	His	Lys	Asp	Ala	Glu	Asn	Arg	Thr	Ala	Ile	Lys	Phe	Asn
				125					130					135
Gln	Leu	Glu	Glu	Arg	Phe	Gln	Leu	Phe	Glu	Thr	Asp	Ile	Val	Asn
				140					145					150
Ile	Ile	Ser	Asn	Ile	Ser	Tyr	Thr	Ala	His	His	Leu	Arg	Thr	Leu
				155					160					165
Thr	Ser	Asn	Leu	Asn	Glu	Val	Arg	Thr	Thr	Cys	Thr	Asp	Thr	Leu
				170					175					180
Thr	Lys	His	Thr	Asp	Asp	Leu	Thr	Ser	Leu	Asn	Asn	Thr	Leu	Ala
				185					190					195
Asn	Ile	Arg	Leu	Asp	Ser	Val	Ser	Leu	Arg	Met	Gln	Gln	Asp	Leu
				200					205					210
Met	Arg	Ser	Arg	Glu	Asp	Thr	Glu	Val	Ala	Asn	Leu	Ser	Val	Ile
				215					220					225
Met	Glu	Glu	Met	Lys	Leu	Val	Asp	Ser	Lys	His	Gly	Gln	Leu	Ile
				230					235					240
Lys	Asn	Phe	Thr	Ile	Leu	Gln	Gly	Pro	Pro	Gly	Pro	Arg	Gly	Pro
				245					250					255
Arg	Gly	Asp	Arg	Gly	Ser	Gln	Gly	Pro	Pro	Gly	Pro	Thr	Gly	Asn
				260					265					270
Lys	Gly	Gln	Lys	Gly	Glu	Lys	Gly	Glu	Pro	Gly	Pro	Pro	Gly	Pro
				275					280					285
Ala	Gly	Glu	Arg	Gly	Pro	Ile	Gly	Pro	Ala	Gly	Pro	Pro	Gly	Glu
				290					295					300
Arg	Gly	Gly	Lys	Gly	Ser	Lys	Gly	Ser	Gln	Gly	Pro	Lys	Gly	Ser
				305					310					315
Arg	Gly	Ser	Pro	Gly	Lys	Pro	Gly	Pro	Gln	Gly	Pro	Ser	Gly	Asp
				320					325					330
Pro	Gly	Pro	Pro	Gly	Pro	Pro	Gly	Lys	Glu	Gly	Leu	Pro	Gly	Pro
				335					340					345
Gln	Gly	Pro	Pro	Gly	Phe	Gln	Gly	Leu	Gln	Gly	Thr	Val	Gly	Glu
				350					355					360
Pro	Gly	Val	Pro	Gly	Pro	Arg	Gly	Leu	Pro	Gly	Leu	Pro	Gly	Val
				365					370					375
Pro	Gly	Met	Pro	Gly	Pro	Lys	Gly	Pro	Pro	Gly	Pro	Pro	Gly	Pro
				380					385					390
Ser	Gly	Ala	Val	Val	Pro	Leu	Ala	Leu	Gln	Asn	Glu	Pro	Thr	Pro
				395					400					405
Ala	Pro	Glu	Asp	Asn	Ser	Cys	Pro	Pro	His	Trp	Lys	Asn	Phe	Thr
				410					415					420
Asp	Lys	Cys	Tyr	Tyr	Phe	Ser	Val	Glu	Lys	Glu	Ile	Phe	Glu	Asp
				425					430					435
Ala	Lys	Leu	Phe	Cys	Glu	Asp	Lys	Ser	Ser	His	Leu	Val	Phe	Ile
				440					445					450
Asn	Thr	Arg	Glu	Glu	Gln	Gln	Trp	Ile	Lys	Lys	Gln	Met	Val	Gly
				455					460					465
Arg	Glu	Ser	His	Trp	Ile	Gly	Leu	Thr	Asp	Ser	Glu	Arg	Glu	Asn
				470					475					480
Glu	Trp	Lys	Trp	Leu	Asp	Gly	Thr	Ser	Pro	Asp	Tyr	Lys	Asn	Trp
				485					490					495

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Lys	Ala	Gly	Gln	Pro	Asp	Asn	Trp	Gly	His	Gly	His	Gly	Pro	Gly
				500					505					510
Glu	Asp	Cys	Ala	Gly	Leu	Ile	Tyr	Ala	Gly	Gln	Trp	Asn	Asp	Phe
				515					520					525
Gln	Cys	Glu	Asp	Val	Asn	Asn	Phe	Ile	Cys	Glu	Lys	Asp	Arg	Glu
				530					535					540
Thr	Val	Leu	Ser	Ser	Ala	Leu								
				545										

<210> 15
 <211> 109
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 401801CD1

<400>	15													
Met	Tyr	Phe	Asn	Leu	Gln	Glu	Asn	Ile	Phe	Met	Tyr	Gly	Gly	Arg
1				5					10					15
Ile	Glu	Thr	Asn	Asp	Gly	Asn	Val	Thr	Asp	Glu	Leu	Trp	Val	Phe
				20					25					30
Asn	Ile	His	Ser	Gln	Ser	Trp	Ser	Thr	Lys	Thr	Pro	Thr	Val	Leu
				35					40					45
Gly	His	Gly	Gln	Gln	Tyr	Ala	Val	Glu	Gly	His	Ser	Ala	His	Ile
				50					55					60
Met	Glu	Leu	Asp	Ser	Arg	Asp	Val	Val	Met	Ile	Ile	Ile	Phe	Gly
				65					70					75
Tyr	Ser	Ala	Ile	Tyr	Gly	Tyr	Thr	Ser	Ser	Ile	Gln	Glu	Tyr	His
				80					85					90
Ile	Cys	Glu	Leu	Leu	Lys	Asn	Cys	Asn	Phe	Phe	Ile	Asp	Trp	Glu
				95					100					105
Cys	Phe	Ser	Leu											

<210> 16
 <211> 192
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 1721842CD1

<400>	16													
Met	Asn	Lys	Arg	Asp	Tyr	Met	Asn	Thr	Ser	Val	Gln	Glu	Pro	Pro
1				5					10					15
Leu	Asp	Tyr	Ser	Phe	Arg	Ser	Ile	His	Val	Ile	Gln	Asp	Leu	Val
				20					25					30
Asn	Glu	Glu	Pro	Arg	Thr	Gly	Leu	Arg	Pro	Leu	Lys	Arg	Ser	Lys
				35					40					45
Ser	Gly	Lys	Ser	Leu	Thr	Gln	Ser	Leu	Trp	Leu	Asn	Asn	Asn	Val
				50					55					60
Leu	Asn	Asp	Leu	Arg	Asp	Phe	Asn	Gln	Val	Ala	Ser	Gln	Leu	Leu
				65					70					75
Glu	His	Pro	Glu	Asn	Leu	Ala	Trp	Ile	Asp	Leu	Ser	Phe	Asn	Asp
				80					85					90
Leu	Thr	Ser	Ile	Asp	Pro	Val	Leu	Thr	Thr	Phe	Phe	Asn	Leu	Ser
				95					100					105
Val	Leu	Tyr	Leu	His	Gly	Asn	Ser	Ile	Gln	Arg	Leu	Gly	Glu	Val
				110					115					120
Asn	Lys	Leu	Ala	Val	Leu	Pro	Arg	Leu	Arg	Ser	Leu	Thr	Leu	His
				125					130					135
Gly	Asn	Pro	Met	Glu	Glu	Glu	Lys	Gly	Tyr	Arg	Gln	Tyr	Val	Leu
				140					145					150
Cys	Thr	Leu	Ser	Arg	Ile	Thr	Thr	Phe	Asp	Phe	Ser	Gly	Val	Thr
				155					160					165
Lys	Ala	Asp	Arg	Thr	Thr	Ala	Glu	Val	Trp	Lys	Arg	Met	Asn	Ile

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					170					175					180
Lys	Pro	Lys	Lys	Ala	Trp	Thr	Lys	Gln	Asn	Thr	Leu				
				185					190						

<210> 17
 <211> 575
 <212> PRT
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <223> Incyte ID No: 1833221CD1

 <400> 17
 Met Val Leu Gly Ser Phe Gly Thr Asp Leu Met Arg Glu Arg Arg
 1 5 10 15
 Asp Leu Glu Arg Arg Thr Asp Ser Ser Ile Ser Asn Leu Met Asp
 20 25 30
 Tyr Ser His Arg Ser Gly Asp Phe Thr Thr Ser Ser Tyr Val Gln
 35 40 45
 Asp Arg Val Pro Ser Tyr Ser Gln Gly Ala Arg Pro Lys Glu Asn
 50 55 60
 Ser Met Ser Thr Leu Gln Leu Asn Thr Ser Ser Thr Asn His Gln
 65 70 75
 Leu Pro Ser Glu His Gln Thr Ile Leu Ser Ser Arg Asp Ser Arg
 80 85 90
 Asn Ser Leu Arg Ser Asn Phe Ser Ser Arg Glu Ser Glu Ser Ser
 95 100 105
 Arg Ser Asn Thr Gln Pro Gly Phe Ser Tyr Ser Ser Ser Arg Asp
 110 115 120
 Glu Ala Pro Ile Ile Ser Asn Ser Glu Arg Val Val Ser Ser Gln
 125 130 135
 Arg Pro Phe Gln Glu Ser Ser Asp Asn Glu Gly Arg Arg Thr Thr
 140 145 150
 Arg Arg Leu Leu Ser Arg Ile Ala Ser Ser Met Ser Ser Thr Phe
 155 160 165
 Phe Ser Arg Arg Ser Ser Gln Asp Ser Leu Asn Thr Arg Ser Leu
 170 175 180
 Asn Ser Glu Asn Ser Tyr Val Ser Pro Arg Ile Leu Thr Ala Ser
 185 190 195
 Gln Ser Arg Ser Asn Val Pro Ser Ala Ser Glu Val Pro Asp Asn
 200 205 210
 Arg Ala Ser Glu Ala Ser Gln Gly Phe Arg Phe Leu Arg Arg Arg
 215 220 225
 Trp Gly Leu Ser Ser Leu Ser His Asn His Ser Ser Glu Ser Asp
 230 235 240
 Ser Glu Asn Phe Asn Gln Glu Ser Glu Gly Arg Asn Thr Gly Pro
 245 250 255
 Trp Leu Ser Ser Ser Leu Arg Asn Arg Cys Thr Pro Leu Phe Ser
 260 265 270
 Arg Arg Arg Arg Glu Gly Arg Asp Glu Ser Ser Arg Ile Pro Thr
 275 280 285
 Ser Asp Thr Ser Ser Arg Ser His Ile Phe Arg Arg Glu Ser Asn
 290 295 300
 Glu Val Val His Leu Glu Ala Gln Asn Asp Pro Leu Gly Ala Ala
 305 310 315
 Ala Asn Arg Pro Gln Ala Ser Ala Ala Ser Ser Ser Ala Thr Thr
 320 325 330
 Gly Gly Ser Thr Ser Asp Ser Ala Gln Gly Gly Arg Asn Thr Gly
 335 340 345
 Ile Ser Gly Ile Leu Pro Gly Ser Leu Phe Arg Phe Ala Val Pro
 350 355 360
 Pro Ala Leu Gly Ser Asn Leu Thr Asp Asn Val Met Ile Thr Val
 365 370 375
 Asp Ile Ile Pro Ser Gly Trp Asn Ser Ala Asp Gly Lys Ser Asp
 380 385 390
 Lys Thr Lys Ser Ala Pro Ser Arg Asp Pro Glu Arg Leu Gln Lys
 395 400 405

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Ile	Lys	Glu	Ser	Leu	Leu	Glu	Asp	Ser	Glu	Glu	Glu	Glu	Gly	
				410				415					420	
Asp	Leu	Cys	Arg	Ile	Cys	Gln	Met	Ala	Ala	Ala	Ser	Ser	Ser	Asn
				425				430					435	
Leu	Leu	Ile	Glu	Pro	Cys	Lys	Cys	Thr	Gly	Ser	Leu	Gln	Tyr	Val
				440				445					450	
His	Gln	Asp	Cys	Met	Lys	Lys	Trp	Leu	Gln	Ala	Lys	Ile	Asn	Ser
				455				460					465	
Gly	Ser	Ser	Leu	Glu	Ala	Val	Thr	Thr	Cys	Glu	Leu	Cys	Lys	Glu
				470				475					480	
Lys	Leu	Glu	Leu	Asn	Leu	Glu	Asp	Phe	Asp	Ile	His	Glu	Leu	His
				485				490					495	
Arg	Ala	His	Ala	Asn	Glu	Gln	Ala	Glu	Tyr	Glu	Phe	Ile	Ser	Ser
				500				505					510	
Gly	Leu	Tyr	Leu	Val	Val	Leu	Leu	His	Leu	Cys	Glu	Gln	Ser	Phe
				515				520					525	
Ser	Asp	Met	Met	Gly	Asn	Thr	Asn	Glu	Pro	Ser	Thr	Arg	Val	Arg
				530				535					540	
Phe	Ile	Asn	Leu	Ala	Arg	Thr	Leu	Gln	Ala	His	Met	Glu	Asp	Leu
				545				550					555	
Glu	Thr	Ser	Glu	Asp	Asp	Ser	Glu	Glu	Asp	Gly	Asp	His	Asn	Arg
				560				565					570	
Thr	Phe	Asp	Ile	Ala										
				575										

<210> 18

<211> 342

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2041168CD1

<400> 18

Met	Ala	Glu	Gly	Gly	Ser	Gly	Asp	Val	Asp	Asp	Ala	Gly	Asp	Cys
1				5					10					15
Ser	Gly	Ala	Arg	Tyr	Asn	Asp	Trp	Ser	Asp	Asp	Asp	Asp	Asp	Ser
				20					25					30
Asn	Glu	Ser	Lys	Ser	Ile	Val	Trp	Tyr	Pro	Pro	Trp	Ala	Arg	Ile
				35					40					45
Gly	Thr	Glu	Ala	Gly	Thr	Arg	Ala	Arg	Ala	Arg	Ala	Arg	Ala	Arg
				50					55					60
Ala	Thr	Arg	Ala	Arg	Arg	Ala	Val	Gln	Lys	Arg	Ala	Ser	Pro	Asn
				65					70					75
Ser	Asp	Asp	Thr	Val	Leu	Ser	Pro	Gln	Glu	Leu	Gln	Lys	Val	Leu
				80					85					90
Cys	Leu	Val	Glu	Met	Ser	Glu	Lys	Pro	Tyr	Ile	Leu	Glu	Ala	Ala
				95					100					105
Leu	Ile	Ala	Leu	Gly	Asn	Asn	Ala	Ala	Tyr	Ala	Phe	Asn	Arg	Asp
				110					115					120
Ile	Ile	Arg	Asp	Leu	Gly	Gly	Leu	Pro	Ile	Val	Ala	Lys	Ile	Leu
				125					130					135
Asn	Thr	Arg	Asp	Pro	Ile	Val	Lys	Glu	Lys	Ala	Leu	Ile	Val	Leu
				140					145					150
Asn	Asn	Leu	Ser	Val	Asn	Ala	Glu	Asn	Gln	Arg	Arg	Leu	Lys	Val
				155					160					165
Tyr	Met	Asn	Gln	Val	Cys	Asp	Asp	Thr	Ile	Thr	Ser	Arg	Leu	Asn
				170					175					180
Ser	Ser	Val	Gln	Leu	Ala	Gly	Leu	Arg	Leu	Leu	Thr	Asn	Met	Thr
				185					190					195
Val	Thr	Asn	Glu	Tyr	Gln	His	Met	Leu	Ala	Asn	Ser	Ile	Ser	Asp
				200					205					210
Phe	Phe	Arg	Leu	Phe	Ser	Ala	Gly	Asn	Glu	Glu	Thr	Lys	Leu	Gln
				215					220					225
Val	Leu	Lys	Leu	Leu	Leu	Asn	Leu	Ala	Glu	Asn	Pro	Ala	Met	Thr
				230					235					240
Arg	Glu	Leu	Leu	Arg	Ala	Gln	Val	Pro	Ser	Ser	Leu	Gly	Ser	Leu

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	245		250		255
Phe Asn Lys Lys	Glu Asn Lys Glu Val	Ile Leu Lys Leu Leu	Val		
	260		265		270
Ile Phe Glu Asn	Ile Asn Asp Asn Phe	Lys Trp Glu Glu Asn	Glu		
	275		280		285
Pro Thr Gln Asn	Gln Phe Gly Glu Gly	Ser Leu Phe Phe Phe	Leu		
	290		295		300
Lys Glu Phe Gln	Val Cys Ala Asp Lys	Val Leu Gly Ile Glu	Ser		
	305		310		315
His His Asp Phe	Leu Val Lys Val Lys	Val Gly Lys Phe Met	Ala		
	320		325		330
Lys Leu Ala Glu	His Met Phe Pro Lys	Ser Gln Glu			
	335		340		

<210> 19

<211> 110

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2365794CD1

<400> 19

Met Ala Ala Val	Val Ala Lys Arg Glu Gly	Pro Pro Phe Ile Ser
1	5	10
Glu Ala Ala Val	Arg Gly Asn Ala Ala Val	Leu Asp Tyr Cys Arg
	20	25
Thr Ser Val Ser	Ala Leu Ser Gly Ala Thr	Ala Gly Ile Leu Gly
	35	40
Leu Thr Gly Leu	Tyr Gly Phe Ile Phe Tyr	Leu Leu Ala Ser Val
	50	55
Leu Leu Ser Leu	Leu Leu Ile Leu Lys Ala	Gly Arg Arg Trp Asn
	65	70
Lys Tyr Phe Lys	Ser Arg Arg Pro Leu Phe	Thr Gly Gly Leu Ile
	80	85
Gly Gly Leu Phe	Thr Tyr Val Leu Phe Trp	Thr Phe Leu Tyr Gly
	95	100
Met Val His Val	Tyr	
	110	

<210> 20

<211> 571

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2618452CD1

<400> 20

Met Pro Thr Gly	Thr Ile Pro Pro Pro Thr	Thr Leu Lys Ala Thr
1	5	10
Gly Ser Thr His	Thr Ala Pro Pro Met Met	Pro Thr Thr Ser Gly
	20	25
Thr Ser Gln Ala	Ser Ser Ser Phe Asn Thr	Ala Lys Thr Ser Thr
	35	40
Ser Leu His Ser	His Thr Ser Ser Thr His	His Pro Glu Val Thr
	50	55
Pro Thr Ser Ile	Thr Asn Ile Thr Leu Asn	Pro Thr Ser Ile Gly
	65	70
Thr Trp Thr Pro	Val Ala His Thr Thr Ser	Ala Thr Ser Ser Arg
	80	85
Leu Thr Thr Pro	Phe Thr Thr His Ser Pro	Pro Thr Gly Ser Ser
	95	100
Pro Ile Ser Ser	Thr Gly Pro Met Thr Ala	Thr Ser Phe Gln Thr
	110	115
Thr Thr Tyr Tyr	Thr Pro Pro Ser His Pro	Gln Thr Thr Leu Pro
	125	130
		135

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Thr	His	Val	Pro	Pro	Phe	Ser	Thr	Ser	Leu	Val	Thr	Pro	Ser	Thr	150
				140					145						
His	Thr	Val	Ile	Ile	Thr	Thr	His	Thr	Gln	Met	Ala	Thr	Ser	Ala	165
				155					160						
Ser	Ile	His	Ser	Thr	Pro	Thr	Gly	Thr	Val	Pro	Pro	Pro	Thr	Thr	180
				170					175						
Leu	Lys	Ala	Thr	Gly	Ser	Thr	His	Thr	Ala	Pro	Pro	Met	Thr	Val	195
				185					190						
Thr	Thr	Ser	Gly	Thr	Ser	Gln	Thr	His	Ser	Ser	Phe	Ser	Thr	Ala	210
				200					205						
Thr	Ala	Ser	Ser	Ser	Phe	Ile	Ser	Ser	Ser	Ser	Trp	Ser	Ser	Trp	225
				215					220						
Leu	Pro	Gln	Asn	Ser	Ser	Ser	Arg	Pro	Pro	Ser	Ser	Pro	Ile	Thr	240
				230					235						
Thr	Gln	Leu	Pro	His	Leu	Ser	Ser	Ala	Thr	Thr	Pro	Val	Ser	Thr	255
				245					250						
Thr	Asn	Gln	Leu	Ser	Ser	Ser	Phe	Ser	Pro	Ser	Pro	Ser	Ala	Pro	270
				260					265						
Ser	Thr	Val	Ser	Ser	Tyr	Val	Pro	Ser	Ser	His	Ser	Ser	Pro	Gln	285
				275					280						
Thr	Ser	Ser	Pro	Ser	Val	Gly	Thr	Ser	Ser	Ser	Phe	Val	Ser	Ala	300
				290					295						
Pro	Val	His	Ser	Thr	Thr	Leu	Ser	Ser	Gly	Ser	His	Ser	Ser	Leu	315
				305					310						
Ser	Thr	His	Pro	Thr	Thr	Ala	Ser	Val	Ser	Ala	Ser	Pro	Leu	Phe	330
				320					325						
Pro	Ser	Ser	Pro	Ala	Ala	Ser	Thr	Thr	Ile	Arg	Ala	Thr	Leu	Pro	345
				335					340						
His	Thr	Ile	Ser	Ser	Pro	Phe	Thr	Leu	Ser	Ala	Leu	Leu	Pro	Ile	360
				350					355						
Ser	Thr	Val	Thr	Val	Ser	Pro	Thr	Pro	Ser	Ser	His	Leu	Ala	Ser	375
				365					370						
Ser	Thr	Ile	Ala	Phe	Pro	Ser	Thr	Pro	Arg	Thr	Thr	Ala	Ser	Thr	390
				380					385						
His	Thr	Ala	Pro	Ala	Phe	Ser	Ser	Gln	Ser	Thr	Thr	Ser	Arg	Ser	405
				395					400						
Thr	Ser	Leu	Thr	Thr	Arg	Val	Pro	Thr	Ser	Gly	Phe	Val	Ser	Leu	420
				410					415						
Thr	Ser	Gly	Val	Thr	Gly	Ile	Pro	Thr	Ser	Pro	Val	Thr	Asn	Leu	435
				425					430						
Thr	Thr	Arg	His	Pro	Gly	Pro	Thr	Leu	Ser	Pro	Thr	Thr	Arg	Phe	450
				440					445						
Leu	Thr	Ser	Ser	Leu	Thr	Ala	His	Gly	Ser	Thr	Pro	Ala	Ser	Ala	465
				455					460						
Pro	Val	Ser	Ser	Leu	Gly	Thr	Pro	Thr	Pro	Thr	Ser	Pro	Gly	Val	480
				470					475						
Cys	Ser	Val	Arg	Glu	Gln	Gln	Glu	Glu	Ile	Thr	Phe	Lys	Gly	Cys	495
				485					490						
Met	Ala	Asn	Val	Thr	Val	Thr	Arg	Cys	Glu	Gly	Ala	Cys	Ile	Ser	510
				500					505						
Ala	Ala	Ser	Phe	Asn	Ile	Ile	Thr	Gln	Gln	Val	Asp	Ala	Arg	Cys	525
				515					520						
Ser	Cys	Cys	Arg	Pro	Leu	His	Ser	Tyr	Glu	Gln	Gln	Leu	Glu	Leu	540
				530					535						
Pro	Cys	Pro	Asp	Pro	Ser	Thr	Pro	Gly	Arg	Arg	Leu	Val	Leu	Thr	555
				545					550						
Leu	Gln	Val	Phe	Ser	His	Cys	Val	Cys	Ser	Ser	Val	Ala	Cys	Gly	570
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Asp

<210> 21

<211> 262

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2622288CD1

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<400> 21
Met Val Ala Trp Arg Ser Ala Phe Leu Val Cys Leu Ala Phe Ser
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Leu Ala Thr Leu Val Gln Arg Gly Ser Gly Asp Phe Asp Asp Phe
          20          25          30
Asn Leu Glu Asp Ala Val Lys Glu Thr Ser Ser Val Lys Gln Pro
          35          40          45
Trp Asp His Thr Thr Thr Thr Thr Thr Asn Arg Pro Gly Thr Thr
          50          55          60
Arg Ala Pro Ala Lys Pro Pro Gly Ser Gly Leu Asp Leu Ala Asp
          65          70          75
Ala Leu Asp Asp Gln Asp Asp Gly Arg Arg Lys Pro Gly Ile Gly
          80          85          90
Gly Arg Glu Arg Trp Asn His Val Thr Thr Thr Thr Lys Arg Pro
          95          100          105
Val Thr Thr Arg Ala Pro Ala Asn Thr Leu Gly Asn Asp Phe Asp
          110          115          120
Leu Ala Asp Ala Leu Asp Asp Arg Asn Asp Arg Asp Asp Gly Arg
          125          130          135
Arg Lys Pro Ile Ala Gly Gly Gly Gly Phe Ser Asp Lys Asp Leu
          140          145          150
Glu Asp Ile Val Gly Gly Gly Glu Tyr Lys Pro Asp Lys Gly Lys
          155          160          165
Gly Asp Gly Arg Tyr Gly Ser Asn Asp Asp Pro Gly Ser Gly Met
          170          175          180
Val Ala Glu Pro Gly Thr Ile Ala Gly Val Ala Ser Ala Leu Ala
          185          190          195
Met Ala Leu Ile Gly Ala Val Ser Ser Tyr Ile Ser Tyr Gln Gln
          200          205          210
Lys Lys Phe Cys Phe Ser Ile Gln Gln Gly Leu Asn Ala Asp Tyr
          215          220          225
Val Lys Gly Glu Asn Leu Glu Ala Val Val Cys Glu Glu Pro Gln
          230          235          240
Val Lys Tyr Ser Thr Leu His Thr Gln Ser Ala Glu Pro Pro Pro
          245          250          255
Pro Pro Glu Pro Ala Arg Ile
          260

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<210> 22

<211> 172

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2806595CD1

<400> 22

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Met Gly Leu Leu Leu Leu Val Pro Leu Leu Leu Leu Pro Gly Ser
 1          5          10          15
Tyr Gly Leu Pro Phe Tyr Asn Gly Phe Tyr Tyr Ser Asn Ser Ala
          20          25          30
Asn Asp Gln Asn Leu Gly Asn Gly His Gly Lys Asp Leu Leu Asn
          35          40          45
Gly Val Lys Leu Val Val Glu Thr Pro Glu Glu Thr Leu Phe Thr
          50          55          60
Tyr Gln Gly Ala Ser Val Ile Leu Pro Cys Arg Tyr Arg Tyr Glu
          65          70          75
Pro Ala Leu Val Ser Pro Arg Arg Val Arg Val Lys Trp Trp Lys
          80          85          90
Leu Ser Glu Asn Gly Ala Pro Glu Lys Asp Val Leu Val Ala Ile
          95          100          105
Gly Leu Arg His Arg Ser Phe Gly Asp Tyr Gln Gly Arg Val His
          110          115          120
Leu Arg Gln Asp Lys Glu His Asp Val Ser Leu Glu Ile Gln Asp
          125          130          135
Leu Arg Leu Glu Asp Tyr Gly Arg Tyr Arg Cys Glu Val Ile Asp
          140          145          150

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Gly Leu Glu Asp Glu Ser Gly Leu Val Glu Leu Glu Leu Arg Gly
 155 160 165
 Glu Met Leu Thr Gly Thr Gly
 170

<210> 23

<211> 571

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2850987CD1

<400> 23

Met Thr Arg Ala Gly Asp His Asn Arg Gln Arg Gly Cys Cys Gly
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 Ser Leu Ala Asp Tyr Leu Thr Ser Ala Lys Phe Leu Leu Tyr Leu
 20 25 30
 Gly His Ser Leu Ser Thr Trp Gly Asp Arg Met Trp His Phe Ala
 35 40 45
 Val Ser Val Phe Leu Val Glu Leu Tyr Gly Asn Ser Leu Leu Leu
 50 55 60
 Thr Ala Val Tyr Gly Leu Val Val Ala Gly Ser Val Leu Val Leu
 65 70 75
 Gly Ala Ile Ile Gly Asp Trp Val Asp Lys Asn Ala Arg Leu Lys
 80 85 90
 Val Ala Gln Thr Ser Leu Val Val Gln Asn Val Ser Val Ile Leu
 95 100 105
 Cys Gly Ile Ile Leu Met Met Val Phe Leu His Lys His Glu Leu
 110 115 120
 Leu Thr Met Tyr His Gly Trp Val Leu Thr Ser Cys Tyr Ile Leu
 125 130 135
 Ile Ile Thr Ile Ala Asn Ile Ala Asn Leu Ala Ser Thr Ala Thr
 140 145 150
 Ala Ile Thr Ile Gln Arg Asp Trp Ile Val Val Val Ala Gly Glu
 155 160 165
 Asp Arg Ser Lys Leu Ala Asn Met Asn Ala Thr Ile Arg Arg Ile
 170 175 180
 Asp Gln Leu Thr Asn Ile Leu Ala Pro Met Ala Val Gly Gln Ile
 185 190 195
 Met Thr Phe Gly Ser Pro Val Ile Gly Cys Gly Phe Ile Ser Gly
 200 205 210
 Trp Asn Leu Val Ser Met Cys Val Glu Tyr Val Leu Leu Trp Lys
 215 220 225
 Val Tyr Gln Lys Thr Pro Ala Leu Ala Val Lys Ala Gly Leu Lys
 230 235 240
 Glu Glu Glu Thr Glu Leu Lys Gln Leu Asn Leu His Lys Asp Thr
 245 250 255
 Glu Pro Lys Pro Leu Glu Gly Thr His Leu Met Gly Val Lys Asp
 260 265 270
 Ser Asn Ile His Glu Leu Glu His Glu Gln Glu Pro Thr Cys Ala
 275 280 285
 Ser Gln Met Ala Glu Pro Phe Arg Thr Phe Arg Asp Gly Trp Val
 290 295 300
 Ser Tyr Tyr Asn Gln Pro Val Phe Leu Ala Gly Met Gly Leu Ala
 305 310 315
 Phe Leu Tyr Met Thr Val Leu Gly Phe Asp Cys Ile Thr Thr Gly
 320 325 330
 Tyr Ala Tyr Thr Gln Gly Leu Ser Gly Ser Ile Leu Ser Ile Leu
 335 340 345
 Met Gly Ala Ser Ala Ile Thr Gly Ile Met Gly Thr Val Ala Phe
 350 355 360
 Thr Trp Leu Arg Arg Lys Cys Gly Leu Val Arg Thr Gly Leu Ile
 365 370 375
 Ser Gly Leu Ala Gln Leu Ser Cys Leu Ile Leu Cys Val Ile Ser
 380 385 390
 Val Phe Met Pro Gly Ser Pro Leu Asp Leu Ser Val Ser Pro Phe

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	395		400		405
Glu Asp Ile Arg	Ser Arg Phe Ile Gln	Gly Glu Ser Ile Thr	Pro		
	410		415		420
Thr Lys Ile Pro	Glu Ile Thr Thr Glu	Ile Tyr Met Ser Asn	Gly		
	425		430		435
Ser Asn Ser Ala	Asn Ile Val Pro Glu	Thr Ser Pro Glu Ser	Val		
	440		445		450
Pro Ile Ile Ser	Val Ser Leu Leu Phe	Ala Gly Val Ile Ala	Ala		
	455		460		465
Arg Ile Gly Leu	Trp Ser Phe Asp Leu	Thr Val Thr Gln Leu	Leu		
	470		475		480
Gln Glu Asn Val	Ile Glu Ser Glu Arg	Gly Ile Ile Asn Gly	Val		
	485		490		495
Gln Asn Ser Met	Asn Tyr Leu Leu Asp	Leu Leu His Phe Ile	Met		
	500		505		510
Val Ile Leu Ala	Pro Asn Pro Glu Ala	Phe Gly Leu Leu Val	Leu		
	515		520		525
Ile Ser Val Ser	Phe Val Ala Met Gly	His Ile Met Tyr Phe	Arg		
	530		535		540
Phe Ala Gln Asn	Thr Leu Gly Asn Lys	Leu Phe Ala Cys Gly	Pro		
	545		550		555
Asp Ala Lys Glu	Val Arg Lys Glu Asn	Gln Ala Asn Thr Ser	Val		
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Val

<210> 24

<211> 455

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3557211CD1

<400> 24

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	20	25	30
Asn Val Gly Leu Leu	Pro Leu Glu Ile Ile	Arg Arg Gly Tyr	Ser
	35	40	45
Met Asp Ser Ala Phe	Val Gly Ile Lys Val	Asn Gln Val Ser	Ala
	50	55	60
Ala Val Gly Lys Asp	Phe Thr Val Ile Pro	Ser Lys Leu Ile	Gln
	65	70	75
Phe Asp Pro Gly Met	Ser Thr Lys Met Trp	Asn Ile Ala Ile	Thr
	80	85	90
Tyr Asp Gly Leu Glu	Glu Asp Asp Glu Val	Phe Glu Val Ile	Leu
	95	100	105
Asn Ser Pro Val Asn	Ala Val Leu Gly Thr	Lys Thr Lys Ala	Ala
	110	115	120
Val Lys Ile Leu Asp	Ser Lys Gly Gly Gln	Cys His Pro Ser	Tyr
	125	130	135
Ser Ser Asn Gln Ser	Lys His Ser Thr Trp	Glu Lys Gly Ile	Trp
	140	145	150
His Leu Leu Pro Pro	Gly Ser Ser Ser Ser	Thr Thr Ser Gly	Ser
	155	160	165
Phe His Leu Glu Arg	Arg Pro Leu Pro Ser	Ser Met Gln Leu	Ala
	170	175	180
Val Ile Arg Gly Asp	Thr Leu Arg Gly Phe	Asp Ser Thr Asp	Leu
	185	190	195
Ser Gln Arg Lys Leu	Arg Thr Arg Gly Asn	Gly Lys Thr Val	Arg
	200	205	210
Pro Ser Ser Val Tyr	Arg Asn Gly Thr Asp	Ile Ile Tyr Asn	Tyr
	215	220	225
His Gly Ile Val Ser	Leu Lys Leu Glu Asp	Asp Ser Phe Pro	Thr
	230	235	240
His Lys Arg Lys Ala	Lys Val Ser Ile Ile	Ser Gln Pro Gln	Lys

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Thr Ile Lys Val	245	Ala Glu Leu Pro Gln	250	Ala Asp Lys Val Glu	255
	260		265		270
Thr Thr Asp Ser	265	His Phe Pro Arg Gln	270	Asp Gln Leu Pro Ser	275
	275		280		285
Pro Lys Asn Cys	280	Thr Leu Glu Leu Lys	285	Gly Leu Phe His Phe	290
	290		295		300
Glu Gly Ile Gln	295	Lys Leu Tyr Gln Cys	300	Asn Gly Ile Ala Trp	305
	305		310		315
Ala Trp Ser Pro	310	Gln Thr Lys Asp Val	315	Glu Asp Lys Ser Cys	320
	320		325		330
Ala Gly Trp His	325	Gln His Ser Gly Tyr	330	Cys His Ile Leu Ile	335
	335		340		345
Glu Gln Lys Gly	340	Thr Trp Asn Ala Ala	345	Ala Gln Ala Cys Arg	350
	350		355		360
Gln Tyr Leu Gly	355	Asn Leu Val Thr Val	360	Phe Ser Arg Gln His	365
	365		370		375
Arg Trp Leu Trp	370	Asp Ile Gly Gly Arg	375	Lys Ser Phe Trp Ile	380
	380		385		390
Leu Asn Asp Gln	385	Val His Ala Gly His	390	Trp Glu Trp Ile Gly	395
	395		400		405
Glu Pro Val Ala	400	Phe Thr Asn Gly Arg	405	Arg Gly Pro Ser Pro	410
	410		415		420
Ser Lys Leu Gly	415	Lys Ser Cys Val Leu	420	Val Gln Arg Gln Gly	425
	425		430		435
Trp Gln Thr Lys	430	Asp Cys Arg Arg Ala	435	Lys Pro His Asn Tyr	440
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Cys Ser Arg Lys	445	Leu			
	455				

<210> 25

<211> 437

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 4675668CD1

<400> 25

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His Ala Pro Leu Ala	20	Asp Gln Ile Leu Ala	25	Gly Asn Ala Val Arg	30
	20		25		30
Ala Gly Val Arg Glu	35	Lys Arg Arg Gly Arg	40	Gly Thr Gly Glu Ala	45
	35		40		45
Glu Glu Glu Tyr Val	50	Gly Pro Arg Leu Ser	55	Arg Arg Ile Leu Gln	60
	50		55		60
Gln Ala Arg Gln Gln	65	Gln Glu Glu Leu Glu	70	Ala Glu His Gly Thr	75
	65		70		75
Gly Asp Lys Pro Ala	80	Ala Pro Arg Glu Arg	85	Thr Thr Arg Leu Gly	90
	80		85		90
Pro Arg Met Pro Gln	95	Asp Gly Ser Asp Asp	100	Glu Asp Glu Glu Trp	105
	95		100		105
Pro Thr Leu Glu Lys	110	Ala Ala Thr Met Thr	115	Ala Ala Gly His His	120
	110		115		120
Ala Glu Val Val Val	125	Asp Pro Glu Asp Glu	130	Arg Ala Ile Glu Met	135
	125		130		135
Phe Met Asn Lys Asn	140	Pro Pro Ala Arg Arg	145	Thr Leu Ala Asp Ile	150
	140		145		150
Ile Met Glu Lys Leu	155	Thr Glu Lys Gln Thr	160	Glu Val Glu Thr Val	165
	155		160		165
Met Ser Glu Val Ser	170	Gly Phe Pro Met Pro	175	Gln Leu Asp Pro Arg	180
	170		175		180
Val Leu Glu Val Tyr	185	Arg Gly Val Arg Glu	190	Val Leu Ser Lys Tyr	195
	185		190		195
Arg Ser Gly Lys Leu	200	Pro Lys Ala Phe Lys	205	Ile Ile Pro Ala Leu	210
	200		205		210

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Ser	Asn	Trp	Glu	Gln	Ile	Leu	Tyr	Val	Thr	Glu	Pro	Glu	Ala	Trp
				215					220					225
Thr	Ala	Ala	Ala	Met	Tyr	Gln	Ala	Thr	Arg	Ile	Phe	Ala	Ser	Asn
				230					235					240
Leu	Lys	Glu	Arg	Met	Ala	Gln	Arg	Phe	Tyr	Asn	Leu	Val	Leu	Leu
				245					250					255
Pro	Arg	Val	Arg	Asp	Asp	Val	Ala	Glu	Tyr	Lys	Arg	Leu	Asn	Phe
				260					265					270
His	Leu	Tyr	Met	Ala	Leu	Lys	Lys	Ala	Leu	Phe	Lys	Pro	Gly	Ala
				275					280					285
Trp	Phe	Lys	Gly	Ile	Leu	Ile	Pro	Leu	Cys	Glu	Ser	Gly	Thr	Cys
				290					295					300
Thr	Leu	Arg	Glu	Ala	Ile	Ile	Val	Gly	Ser	Ile	Ile	Thr	Lys	Cys
				305					310					315
Ser	Ile	Pro	Val	Leu	His	Ser	Ser	Ala	Ala	Met	Leu	Lys	Ile	Ala
				320					325					330
Glu	Met	Glu	Tyr	Ser	Gly	Ala	Asn	Ser	Ile	Phe	Leu	Arg	Leu	Leu
				335					340					345
Leu	Asp	Lys	Lys	Tyr	Ala	Leu	Pro	Tyr	Arg	Val	Leu	Asp	Ala	Leu
				350					355					360
Val	Phe	His	Phe	Leu	Gly	Phe	Arg	Thr	Glu	Lys	Arg	Glu	Leu	Pro
				365					370					375
Val	Leu	Trp	His	Gln	Cys	Leu	Leu	Thr	Leu	Val	Gln	Arg	Tyr	Lys
				380					385					390
Ala	Asp	Leu	Ala	Thr	Asp	Gln	Lys	Glu	Ala	Leu	Leu	Glu	Leu	Leu
				395					400					405
Arg	Leu	Gln	Pro	His	Pro	Gln	Leu	Ser	Pro	Glu	Ile	Arg	Arg	Glu
				410					415					420
Leu	Gln	Ser	Ala	Val	Pro	Arg	Asp	Val	Glu	Asp	Val	Pro	Ile	Thr
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Val Glu

<210> 26

<211> 2893

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 398269CB1

<400> 26

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gagccgagccc	gaatggctgc	tggcagtgcg	atcgattcag	cccaggagaga	aggagcgcac	300
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<210> 27

<211> 2276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1258888CB1

<400> 27

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<210> 28

<211> 2016

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1375891CB1

<400> 28

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<220>

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<400> 29

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PCT/US00/12811

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Incyte ID No: 1725801CB1

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PCT/US00/12811

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PCT/US00/12811

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<211> 1562

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 3117318CB1

<400> 36

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<220>

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<212> DNA

<213> Homo sapiens

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<220>
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<220>
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<213> Homo sapiens

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670

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2364

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<210> 47

<211> 1236

WO 00/68380

PCT/US00/12811

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 2806595CB1

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1236

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<212> DNA

<213> Homo sapiens

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WO 00/68380

PCT/US00/12811

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1825

WO 00/68380

PCT/US00/12811

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